Last Updated on 15th April 2023

Ratna Kumar Maruboina

ratnakumar.github.io | mjvsairatnakumar2001@gmail.com | (+91)6304412866 | Linkedin

EDUCATION

BACHELOR OF TECHNOLOGY
NIT ANDHRA PRADESH
Electrical and Electronics Engineering
CGPA: 9.14 | 2018 - 2022
Tadepalligudem, India

INTERMEDIATE
BHASHYAM COLLEGE
Marks 985/1000 | 2016 – 2018
Kakinada, India

LINKS

Github:// **kum3445**
Google Scholar ID:// **Ratna Kumar**
LeetCode:// **Ratna3445**

SKILLS

PROGRAMMING

Languages
Python • Java • JavaScript
HTML • CSS • MYSQL

Tools:
Oracle ARCS • Oracle ARCS
MATLAB

Familiar:
NumPy • Pandas • Matplotlib
MySQL

COURSES

Machine Learning
Web Development
Data Structures
Object Oriented Programming

LANGUAGES

English • Hindi • Telugu

EXTRA CURRICULAR

- Executive member of the Photography club in the college.
- Volunteered Media cell of the college fest in 2019.

EXPERIENCE

DELOITTE USI |DC ANALYST
Sep 2022 - Present | Hyderabad, India

- Worked in Development team for a project on Oracle Account Reconciliation Tool.
- Helped Clients to create reconciliations for various markets and generating reports.
- Reduce the work of manual reconciliations using Transaction Module.

PROJECTS

SEARCH SPACE REDUCTION ALGORITHM | IEEE Paper
A search space reduction algorithm (SSRA) based workflow to solve the TSC-OPF problem. The SSRA based TSC-OPF solution make changes in active power generations of the generators in the power system such that both the goals, system economy of operation and stability requirements are reconciled, satisfying both the static and dynamic constraints.

CUSTOMER SEGMENTATION | Source Code
A Machine Learning study employing unsupervised learning K-means clusters on a credit card data set of various customers into 8 groups for marketing purposes.To target the correct demographic.

CERTIFICATES

- Microsoft MTA certificate in python.
- Oracle Financial Consolidation and Close 2022 Certified Implementation Professional.
- Oracle Account Reconciliation 2022 Certified Implementation Professional.

PUBLICATIONS

[1] M. J. V. S. R. Kumar, K. Teeparthi, and S. Batchu. A search space reduction algorithm applied for transient stability constrained optimal power flow. In *2022 IEEE 9th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON)*, pages 1–6, 2022.

ACHIEVEMENTS

GOOGLE KICK START

- Round B: Secured 5405th rank.

CODEKAZE

- Round 1: Secured a rank in top 3.8% with AIR 7571 among 2 lakh students.
- Round 2: Secured AIR 9906, College Rank 11 and in top 5% among 2 lakh Students.

GANITHA BALA AWARD

- Received Ganitha Bala Award from Ramanujan Association Of Mathematics Exam in 10th class.